

Fog 1000 FT



USER MANUAL

Version: 1.1

FTseries

Fog 1000 FT

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1. Introduction

Thank you for choosing an ROBE Fog 1000 FT. You now own a rugged and powerful state-of-the-art machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your ROBE Fog 1000 FT machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your fog machine.

2. Cautions

Risk of electric shock. Disconnect the appliance from the electric supply before refilling liquid, cleaning or performing maintenance on the machine.

Note: there are no user serviceable parts inside.

Danger of Electric Shock

Keep this device dry.

For inside use only. Not designed for outside use.

Use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the rated voltage.

Always unplug your ROBE Fog Machine before filling its tank.

Keep fog machine upright.

Unplug the machine when not in use.

This machine is not water - or splash-proof. If moisture, water, or fog liquid gets inside the housing, immediately unplug the unit and contact a service technician or your ROBE distributor before using it again.

No user serviceable parts inside. Refer to your ROBE distributor or other qualified service personnel.

Danger of Burns

For adult use only. Never leave the unit running unattended.

Never aim the output nozzle directly at people.

Fog machine output area is very hot. Avoid coming within 60 cm of the output nozzle during operation.

Locate the fog machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 20 cm around the sides and top of the unit.

Never aim the output nozzle at open flames.

If the supply cord is damaged, it must be replaced by manufacturer or its service agent or similarly qualified personnel in order to avoid a hazard.

The output nozzle becomes very hot during operation (200 degrees C). Keep flammable materials at least 50 cm away from the nozzle.

Always allow your Fog 1000 FT to cool down before attempting to clean or service it.

Danger of Explosion

Never add flammable liquids of any kind (oil, gas, perfume) to the fog liquid.

Use only original liquid recommended by ROBE distributor. Other fog liquids may cause clogging or "spitting".

Always make sure there is sufficient liquid in the fog liquid tank. Operating this unit without liquid will cause damage to the pump as well as over-heating of the heater.

If your ROBE Fog Machine fails to work properly, discontinue use immediately. Drain all fog liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your ROBE distributor for service.

Always drain tank before mailing or transporting this unit.

Never drink fog liquid. If it is ingested, call a doctor immediately. If fog liquid comes in contact with skin or eyes, rinse thoroughly with water.

Pay attention to all warning labels and instructions printed on the exterior of your Fog 1000 FT

3. Unpacking

Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact. Shipping carton should contain the following items:

1. Fog 1000 FT
2. Remote control
3. User manual

Before beginning initial setup of your ROBE Fog Machine, make sure that there is no evident damage caused by transportation. In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your ROBE distributor for assistance.

4. Setup

Remove all packing materials from shipping box. Check that all foam and plastic padding is removed, especially in the nozzle area. Place fog machine on a flat surface and remove fog liquid tank cap.

Fill with only an original liquid recommended by ROBE distributor. Other liquids may cause spitting and serious clogging problem and could result in the production of an unhealthful fog. The use of other liquids voids the warranty of the Fog 1000 FT. When filled, place cap back on liquid tank.

Firmly attach the remote control cable to the proper input.

WARNING:

Use of any liquid other than original liquid recommended by ROBE distributor or modification or attempted to unauthorized repair of the Fog 1000 FT will immediately invalidate the warranty.

5. Operation

Carefully add fluid to the liquid tank. Do not overfill the tank.

Plug power cord into a grounded electrical outlet. Turn power switch on of the unit to " ON " position. The unit will take a couple of minutes to warm up the heater. During this time the machine cannot generate fog. When the remote control is attached the green light on the remote control will flash and stay ON when the warm-up is complete. The green light on the remote control will be blinking when the power is "ON".

To emit fog, press the button on the remote control and hold for the desired length of time.

The Fog 1000 FT machine has opto liquid sensor. When the liquid tank is empty or during the initial usage there has not yet started pumping the liquid, the " Err 1 " will flash on display.

Caution: "Visibility during operation is reduced"

This model can be operated at a floor level or sitting on any regular surface.

Important!

Always monitor tank liquid level as you are fogging. Running a fog machine with no liquid can permanently damage the unit.

If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote control connection and power from the wall. If all of the above appears to be O.K., plug the unit again. If fog does not come out after holding the remote button down for 30 seconds, check the hose attached to the tank to make sure there is fluid going through the hose. If you are unable to determine the cause of the problem, do not simply continue pushing the remote button, as this may damage the unit. Return the machine to your Robe distributor.

6. Remote control specifications

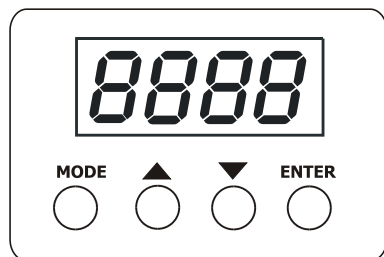
3 meter wired remote controller with 6,3 mm jack plug of Robe fog machine. When the fog machine has reached operating temperature the green light on this remote control will light up, indicating that the operator may begin fog emission by pressing the red button. The green light flashes during fog machine warm-up and re-heating cycles (approx. 1-2 minutes), and stays ON when the machine becomes operational. The remote controller features the "toggle switch" function: press once for continuous "ON", press again to release continuous "ON" function.

7. DMX setting

The model use 1 channel to control on/off operation. If this channel has a value from 0 to 128, the unit is off. Between the values 129 and 255 the volume of fog output is at maximum.

Channel	Value	Function
1	0 - 128 129-255	Volume Off Max. volume output

The starting DMX address is defined as the first channel from which the device will respond to the controller . This address has to be set via the device control panel



8. Performance Notes

All fog machines develop condensation around the output nozzle. Because this may result in some moisture accumulation on the surface below the output nozzle, consider this condensation when installing your unit.

All fog machines may sputter small amounts of fog occasionally during operation and for a minute or so after being turned off.

All fog machines have a recycling period after long bursts when the machine will shut itself down for a short period in order to heat up again. During this time no fog can be produced.

9. Maintenance

Do not allow the fog liquid to become contaminated. Always replace the caps on the fog liquid container and the fog machine liquid tank immediately after filling. After every 40 hours of continuous operation, it is recommended to run a cleaning solution composed of 80% distilled water and 20% ACETIC ACID through the system to prevent the accumulation of particulate matter in the heating element.

The recommended cleaning regimen is as follows:

1. Empty all fog liquid from the machine. Add cleaning solution to tank. Plug unit in and begin warm up.
2. Run the unit in a well-ventilated area until the tank is almost empty. Do not allow the pump to run dry.
3. Cleaning is now complete. Refill with fog liquid. Run the machine briefly to clear any cleaning solution from the pump and heater.
4. Do not operate the fog machine without liquid at any time.

Note: All fog machines are prone to clogging due to the thick consistency of fog liquid and the high temperature at which it vaporizes. However, a properly maintained fog machine should provide years of reliable use.

Clean with a dry cloth only. Store dry.

Cleaning your fog machine regularly will help reduce costly replacement and repair charges.

10. Storage

1. When storing run distilled water (not tap water) through the system as described in the cleaning regimen above. This will help avoid any particles condensing inside the pump or heater.

2. It is strongly recommended to test-run the machine on a monthly basis in order to achieve its best fogging condition. A test-run consists of warming up the machine followed by a few minutes of emission. After that, follow Step 1 under Storage.

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11. Specifications

Power: 230/240V AC, 50-60 Hz ; (or 100 /120 V AC, 50-60 Hz optionally)

Heater: 1000 W

Output: 10,000 Cu.ft/min.

First heat up time: 10 min.

Tank capacity: 2.4 liter

Fluid consumption rate: 13 min. /liter (100% output)

DMX in/out: 5-pin XLR

Weight: 9.8 kg (without liquid)

Dimensions (mm): 370 L x 295 W x 135 H

Liquid used: Standard Fog /Performance Fog/ Premium Fog

3 meter wire remote controller VR-1

January 31, 2011

Specifications are subject to change without specification